

## Heavy Ion SEE

Test Org.*	Device	Function	Technology	Mfr.	Effective SEU LET* Threshold	Device Xsection (cm <sup>2</sup> )	Bits Tested	Bit Xsection (cm <sup>2</sup> )	Test Date	LUth	LU Xsection (cm <sup>2</sup> )	Fac.	Remarks
23-Aug-99													
EAPROMs													
	Note: Entries in <b>RED</b> indicate data added since the 1997 Compendium.												
ROCK	3022	1K	MNOS/SOS	ROC	<37							UCB	Permanent damage seen in the Read mode using 150MeV Kr.
ROCK	6030	1K	MNOS	WEC	>37							UCB	
ROCK	ER3400	4K	MNOS	GIC	<37							UCB	Permanent damage seen in the High Field mode. OK in Read mode
ROCK	NCR3400	4K	MNOS	NCR	<37							Cf-252	Also UCB data. Permanent damage seen in the High Field mode. OK in Read mode
ROCK	SA2475	256	MNOS	SNL	>37							UCB	
ROCK	SA2998	1K	MNOS	SNL	<37							Cf-252	Permanent damage seen in the High Field mode. OK in Read mode
ROCK	SA2999	16K	MNOS	SNL	<37							Cf-252	Permanent damage seen in the High Field mode. OK in Read mode
Legend													
Manufacturers: GIC - General Instruments, Inc; NCR - National Cash Register; ROC - Rockwell International; SNL - Sandia National Labs; WEC - Westinghouse Electric													
Test Organizations				Radiation Test Facilities									
ROCK- Rockwell Corp. (now Boeing), Anaheim, CA				CF-252 - Cf-252 Fission Source (various facilities)									
				UCB - 88-inch Cyclotron, University of California, Berkeley, CA									

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